Earthdata UTC Meeting 6.10.2014

- Attendance
- URS
- Earthdata
- ECHO
  - ECHO System Status
    - System Issues
    - Recent Metrics
  - ECHO Release Status
  - ECHO Discussion Topics/Reminders
    - Reminder: URS4 Updates Coming late June to Reverb Operations!
    - Announcement: New Feature in ECHO Forms (Tim Goff)
    - Request for Comment: MetadataStandardName and MetadataStandard Version
  - ECHO Upcoming Events
    - Planned Maintenance 6/11
    - Open Floor
- Release Calendar

Attendance

Please make a comment at the bottom of this agenda to record your attendance.

URS

- URS4 On-boarding Status and Schedule
- Documentation and Code Examples
- URS Development Status
- *Captain Awesome and Kenneth Cockerill will be working hands-on with people looking to migrate to URS4*
- *Development Activities in Work:*
  - *Ability for an application to require users log in on each visit (no token life)*
  - *Ability to get Information about URS users*

Earthdata

- *Continuing to ensure smooth SSO experience in Earthdata and the ECC*
- *Working on Bug Reports*
- *Continued TopHat improvements*
- *Increasing focus on 508 compliance*
  - *focusing closely on the feedback module*

ECHO

ECHO System Status

System Issues

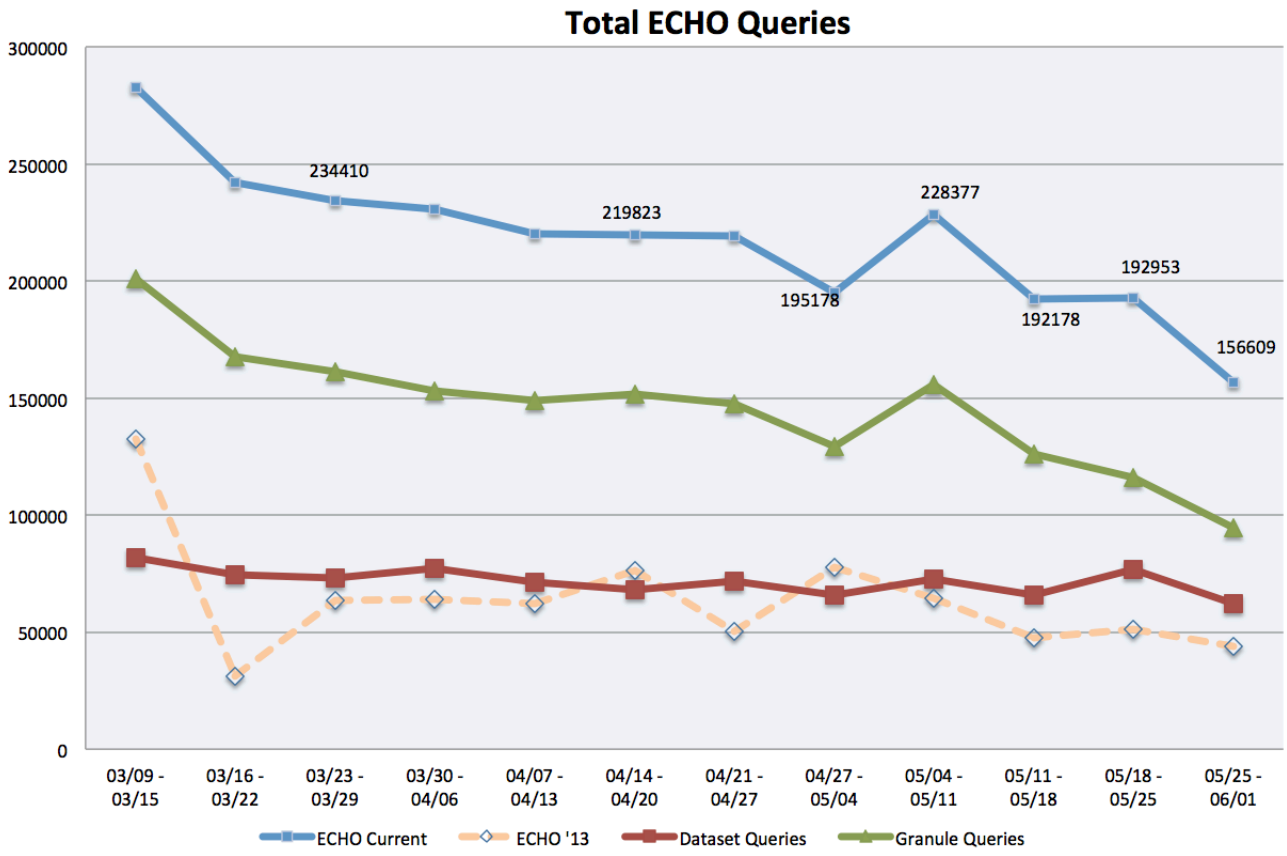
6/4 9:46am to 9:52am OPS outage during live migration to 10.78

6/10 Operations Outage

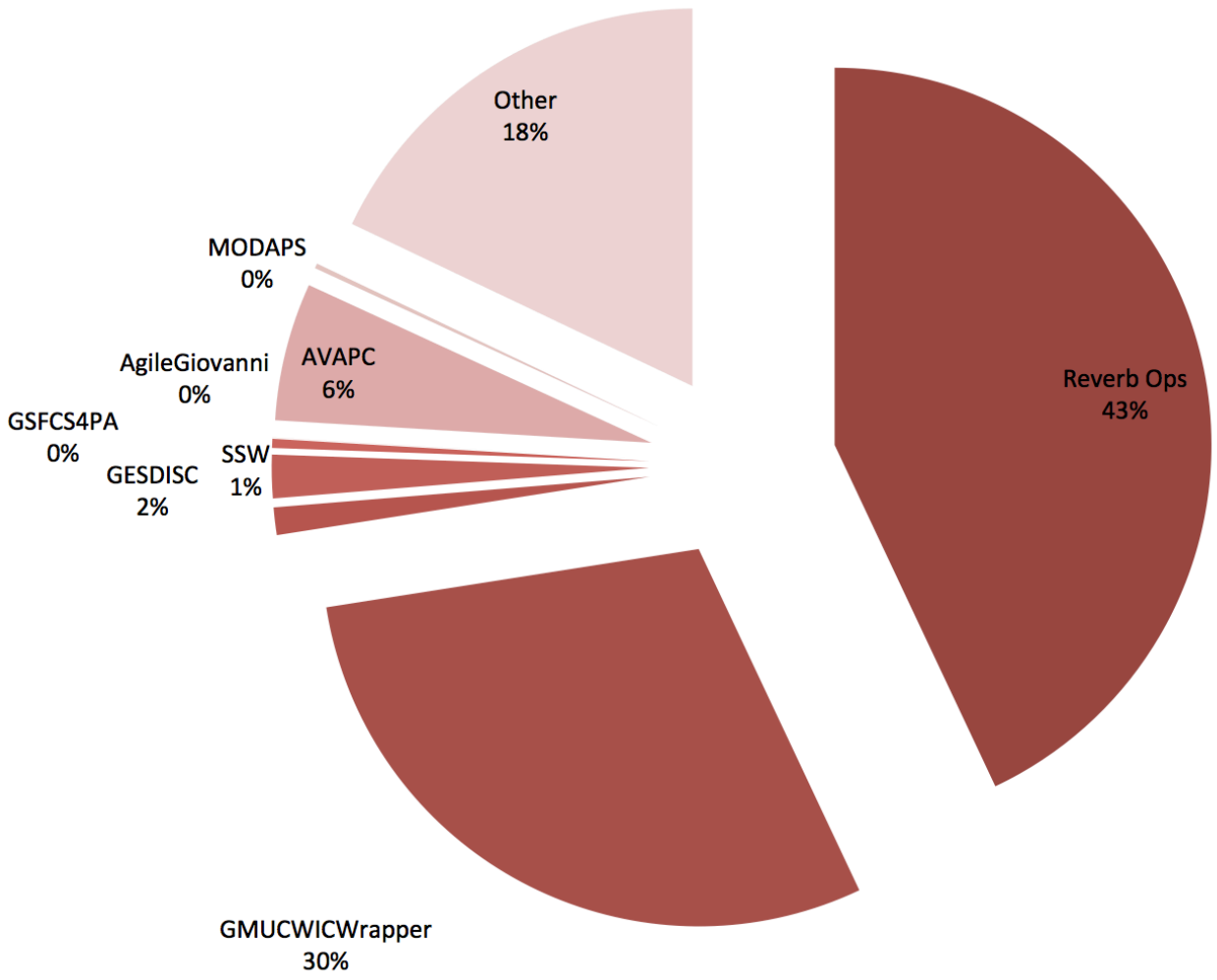
Recent Metrics

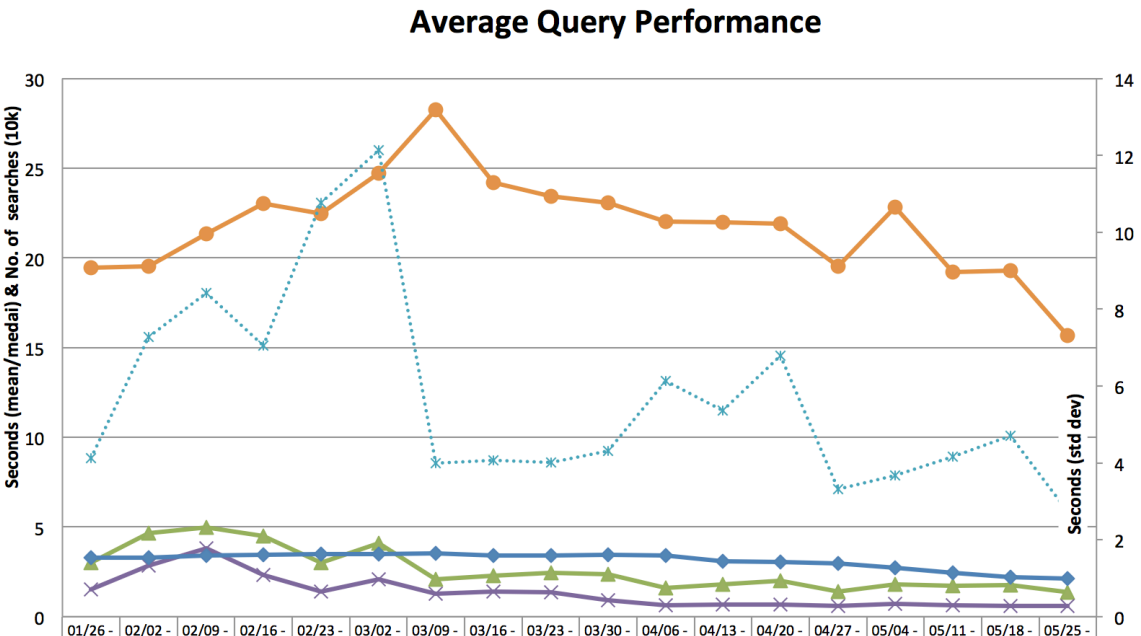
Click here to expand...

Note: These metrics are from last week.


Total ECHO Queries
300000
250000
200000
150000
100000
50000
0
234410
219823
195178
228377
192178
192953
156609
03/09 - 03/15
03/16 - 03/22
03/23 - 03/29
03/30 - 04/06
04/07 - 04/13
04/14 - 04/20
04/21 - 04/27
04/27 - 05/04
05/04 - 05/11
05/11 - 05/18
05/18 - 05/25
05/25 - 06/01
ECHO Current
ECHO '13
Dataset Queries
Granule Queries

Client Usage





	01/26 - 02/01	02/02 - 02/09	02/09 - 02/16	02/16 - 02/23	02/23 - 03/02	03/02 - 03/09	03/09 - 03/16	03/16 - 03/23	03/23 - 03/29	03/30 - 04/06	04/06 - 04/13	04/13 - 04/20	04/20 - 04/27	04/27 - 05/04	05/04 - 05/11	05/11 - 05/18	05/18 - 05/25	05/25 - 06/01
Avg Exec Time	2.99	4.65	4.96	4.48	3	4.11	2.09	2.3	2.43	2.37	1.6	1.81	2.02	1.39	1.81	1.74	1.77	1.37
Median Exec. Time	1.51	2.86	3.8	2.33	1.39	2.09	1.28	1.4	1.37	0.91	0.62	0.67	0.69	0.6	0.73	0.63	0.61	0.61
Totals (*10k)	19.4715	19.5193	21.3544	23.0175	22.4839	24.7007	28.2717	24.2005	23.441	23.064	22.0178	21.9823	21.9079	19.5178	22.8377	19.2178	19.2953	15.6609
12 Wk Avg	3.272	3.274	3.418	3.470	3.493	3.482	3.520	3.422	3.424	3.432	3.418	3.102	3.066	2.985	2.713	2.451	2.223	2.120
Exec Time Std. Dev.	4.13	7.27	8.43	7.05	10.77	12.13	4	4.06	4.01	4.32	6.14	5.37	6.79	3.32	3.68	4.16	4.71	2.74

ECHO Release Status

In Operations: 10.78

(3 week sprint, ended 5/9, pushed to Operations 6/4)

Number	Folder Name	Summary	Status
11014493	Catalog-rest	keyword[] in catalog-rest returns a 500 error, should be 400.	Closed (Operations Verified)
11014510	Catalog-rest	Catalog REST json format should return enough information to render spatial for orbit granules	Closed (Operations Verified)
11014518	Catalog-rest	OPS:8.2:BMGT:Export Requests has a blocked job with SC in item type	Needs Customer Verification
11014522	Backported to 10.77	The geometries of two granules are inverted in 3D globe (blue polygon in place of yellowish one and the other way round)	Needs Customer Verification
11014537	Reverb	ECHO/Reverb 10.75.9. Cache not refreshing in PT Reverb	Open, assigned to Cuadrado, Catalino (waiting for reoccurrance)
11014543	Elastic	Operational elastic no longer seems able to handle two shards	Closed (Operations Verified)
11014548	Backported to 10.76	Error generating FTP script for valid FTP-able granules.	Closed (Operations Verified)
11014563	Unplanned	LANCEMODIS Deleted Granules Still Showing Up in search results	Closed (Operations Verified)
11014566	Unplanned	Echoforms Control Error in Firefox Mac (version 28)	Closed (Operations Verified)
11014569	Backported from 10.79	Loading campaign information on Reverb homepage performs poorly in Partner-test and sometimes Testbed	Closed (Operations Verified)
11014586	Backported from 10.79	Error Ingesting SMAP granules	Closed (Operations Verified)
11014596	Backported from 10.79	Catalog-rest poor performance in PT on 5/8	Closed (Operations Verified)

In Test: 10.79

(3 week sprint, ended 5/30, pushed to Testbed 6/2)

(Reverb SSO Testing in Work in Testbed - explaining why several Issues are still open)

Number	Folder Name	Summary	Status
11011364	Reverb	ECHO Reverb: Explore expansion of ESRI Shapefile search capabilities	Fixed, not assigned
11011365	Reverb	ECHO Reverb: Persist ESRI shapefile search through shopping cart	Fixed, not assigned
11012048	Reverb	10.42.1 Reverb - GLAS subset form should be filled in from registered user information	Fixed, not assigned
11014458	Catalog REST	Cleanup IIMSAQL DTD	Fixed, not assigned
11014508	PUMP	Delete Option Assigments does not work for 'CATALOG_REST' only providers.	Fixed, not assigned
11014532	Reverb	ECHO/Reverb 10.75.7. Datasets found but not displayed in Partner Test Reverb.	Fixed, not assigned
11014538	ECHO Kernel	Deleting a particular dataset option definition through Pump produces an error in Testbed	Fixed, not assigned
11014542	ECHO Kernel	Update echo-kernel to handle either ECHO tokens or URS access tokens and client-id	Open, assigned to Sun, Bo
11014544	Reverb	Replace Reverb Sign-In link with URS 4 SSO	Open, assigned to Sun, Bo
11014545	Reverb	Replace Reverb account management page	Open, assigned to Sun, Bo
11014560	Catalog REST	Delete Request for Granule is causing a nil pointer exception in Catalog Rest	Fixed, not assigned
11014569	Backported to 10.78	Loading campaign information on Reverb homepage performs poorly in Partner-test and sometimes Testbed	Closed (Operations Verified)
11014572	ECHO Kernel	Order workflow logging should include order id when logging interaction with provider endpoint not just provider order id	Fixed, not assigned
11014580	Ingest	Creating a provider in PUMP should not need a legacy ingest schema in place	Fixed, not assigned
11014585	Reverb	Granule metadata pop-up now depends on browse urls being valid	Fixed, not assigned
11014586	Backported to 10.78	Error Ingesting SMAP granules	Closed (Operations Verified)
11014596	Backported to 10.78	Catalog-rest poor performance in PT on 5/8	Closed (Operations Verified)
11014605	Reverb	Search query not being populated in shopping cart	Fixed, not assigned

In Development: 10.80

(3 week sprint, ending 6/20)

Number	Summary	Product	Status
11012006	ECHO: "Services Available" Button Functionality	Reverb	Open, not assigned
11013417	Page returned by api.echo.nasa.gov is out of date and has no references to REST APIs	Documentation	Open, assigned to Baynes, Katie
11013621	OPS:Reverb: Additional Attributes Search does not appear to work as expected	Reverb	Open, not assigned
11014315	Add ISO ingest support for GRACE Metadata from PO.DAAC	ECHO	Open, assigned to Dadi, Upendra
11014337	Ensure that GRACE ISO can be translated to ECHO10 and then MENDS ISO	Catalog REST	Open, assigned to Dadi, Upendra
11014402	Dataset reconciliation requests inefficient	Catalog REST	Open, not assigned
11014503	Add availability endpoint for echo-rest and catalog-rest	REST API	Fixed, not assigned
11014534	Reverb 10.75: Granule results are not displayed when using IE8	Reverb	Open, not assigned
11014568	ECHO: Several ASTER order submitted in "validated" status because user did not click on the submit order button	Reverb	Open, not assigned
11014570	ECHO: PUMP: Add "Definition Name" column to Option Assignment page and Data Quality Summary Assignments page	ECHO	Fixed, not assigned

11014571	ECHO resubmits orders repeatedly to EWOC.	ECHO Kernel	Fixed, not assigned
11014574	ECHO/Reverb 10.77.1 displays "Not Provided" for SMAP collection Archive Center	Reverb	Open, assigned to Sun, Bo
11014575	Remove the Order ID: lookup from the Order Status Page.	Reverb	Open, not assigned
11014584	Remove ability to ingest browse imagery to be hosted by ECHO	Ingest	Open, not assigned
11014590	Selecting very large quantity of Science Keywords does not allow granule searching in Reverb.	Reverb	Open, not assigned
11014591	Change Reverb home page to only load 100 datasets at a time	Reverb	Open, not assigned
11014598	Reverb 'Perform Service' inefficient for large number of granules	Reverb	Open, not assigned
11014602	OpenSearch attempts to apply to_xml if nil is returned.	ECHO-OpenSearch	Open, assigned to Newman, Doug
11014604	Add support for 4 band subset dimensions and non numeric 3rd and 4th dimensions in ESI service requests	Reverb	Open, not assigned
11014606	Update ECHO10 to ISO Translation	ECHO	Open, not assigned
11014607	Sporadic 500 errors due to being unable to obtain database connections in catalog-rest in operations	Catalog REST	Open, assigned to Cuadrado, Catalino
11014608	Polygon points for the same granule in echo10 and atom format are different.	Catalog REST	Open, not assigned
11014611	NRT Hover Tip is MODIS Specific	Reverb	Open, assigned to Sun, Bo

ECHO Discussion Topics/Reminders

Reminder: URS4 Updates Coming late June to Reverb Operations!

Announcement: New Feature in ECHO Forms (Tim Goff)

Contact Timothy Goff for more information.

https://wiki.earthdata.nasa.gov/display/echo/Prepopulating+values+in+ECHO+forms

Request for Comment: MetadataStandardName and MetadataStandardVersion

Part of the CMR efforts will involve adding some new, **required** fields to the existing ECHO10 metadata format. Some of the new fields to be added, which are currently required by the DIF and the ISO19115, are **MetadataStandardName** and **MetadataStandardVersion**. **These changes are not in place yet!** They are only proposed. But these changes would impact providers as time goes on and are reconciled into the CMR.

DIF Example

```
<Metadata_Name>CEOS IDN DIF</Metadata_Name>
<Metadata_Version>VERSION 9.8.4</Metadata_Version>
```

ISO 19115-2 Example

```
<gmd:metadataStandardName>
   <gco:CharacterString>ISO 19115-2 Geographic Information - Metadata
Part 2 Extensions for imagery and gridded data</gco:CharacterString>
</gmd:metadataStandardName>
<gmd:metadataStandardVersion>
   <gco:CharacterString>ISO 19115-2:2009(E)</gco:CharacterString>
</gmd:metadataStandardVersion>
```

Potential ECHO10 Example

```
<MetadataStandardName>ECHO</MetadataStandardName>
<MetadataStandardVersion>10</MetadataStandardVersion>
```

ECHO Upcoming Events

Planned Maintenance 6/11

- ~~10.79 to Partner Test (live)~~ - Delayed
- Test Bed OS patching (outage)

Open Floor

Release Calendar

Team Calendars